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Jameco Part Number 178706

Small Signal General Purpose Transistors

Operating Temperature: -55°C to 150°C

Part No. and Polarity		V_{CEO}	I_C	h_{FE} @ V_{CE} & I_C				V_{CE}(sat) & V_{BE}(sat) @ I_C & I_B				f_T @ V_{CE} & I_C				Package	Outline (Max. in mm)
NPN	PNP			Min.	Max.			Max.	Max.			Min.	Max.	V_{CE}	I_C		
		(V)	(A)			(V)	(mA)	(V)	(V)	(mA)	(mA)	(MHz)	(MHz)	(V)	(mA)	Bulk/Reel	
BC547C	BC557C	45	0.10	420	800	5.0	2	0.60	0.90	100	5.0	150	*300	5	10		
BC548A	BC558A	30	0.10	110	220	5.0	2	0.60	0.90	100	5.0	150	*300	5	10		
BC548B	BC558B	30	0.10	200	450	5.0	2	0.60	0.90	100	5.0	150	*300	5	10		
BC548C	BC558C	30	0.10	420	800	5.0	2	0.60	0.90	100	5.0	150	*300	5	10		
BC338	BC328	25	0.80	100	630	1.0	100	0.70	-	500	50.0	*100	-	5	10		
BC338-16	BC328-16	25	0.80	100	250	1.0	100	0.70	-	500	50.0	*100	-	5	10		
BC338-25	BC328-25	25	0.80	160	400	1.0	100	0.70	-	500	50.0	*100	-	5	10		
BC338-40	BC328-40	25	0.80	250	630	1.0	100	0.70	-	500	50.0	*100	-	5	10		
BC368	BC369	20	1.50	85	375	1.0	500	0.50	-	1000	10.0	45	-	5	10		
MPS8099	MPS8599	80	0.50	100	300	5.0	1	0.30	-	100	10.0	150	-	5	10		
KSP8099	KSP8599	80	0.50	100	300	5.0	1	0.30	-	100	10.0	150	-	5	10		
MPSA06	-	80	0.50	100	-	1.0	100	0.25	-	100	10.0	100	-	2	10		
-	MPSA56	80	0.50	100	-	1.0	100	0.25	-	100	10.0	50	-	2	10		
KSP06	-	80	0.50	50	-	1.0	100	0.25	-	100	10.0	100	-	2	10		
-	KSP56	80	0.50	50	-	1.0	100	0.25	-	100	10.0	50	-	2	10		
MPS8098	MPS8598	60	0.50	100	300	5.0	1	0.30	-	100	10.0	150	-	5	10		
KSP8098	KSP8598	60	0.50	100	300	5.0	1	0.30	-	100	10.0	150	-	5	10		
MPSA05	-	60	0.50	100	-	1.0	100	0.25	-	100	10.0	100	-	2	10		
-	MPSA55	60	0.50	100	-	1.0	100	0.25	-	100	10.0	50	-	2	10		
KSP05	-	60	0.50	50	-	1.0	100	0.25	-	100	10.0	100	-	2	10		
-	KSP55	60	0.50	50	-	1.0	100	0.25	-	100	10.0	50	-	2	10		
-	MPS2907A	60	0.60	100	300	10.0	150	1.60	2.60	500	50.0	200	-	20	50		
-	KSP2907A	60	0.60	100	300	10.0	150	1.60	2.60	500	50.0	200	-	20	50		
MPS6602	-	40	1.00	50	-	1.0	100	0.60	-	1000	100.0	100	-	10	50		
MPS2222A	-	40	0.60	100	300	10.0	150	1.00	2.00	500	50.0	200	-	20	20		
-	MPS2907	40	0.60	100	300	10.0	150	1.60	2.60	500	50.0	200	-	20	20		
KSP2222A	-	40	0.60	100	300	10.0	150	1.00	2.00	500	50.0	200	-	50	20		
-	KSP2907	40	0.60	100	300	10.0	150	1.60	2.60	500	50.0	200	-	50	20		
MPS6513	-	30	0.10	90	180	10.0	2	0.50	-	50	5.0	-	-	-	-		
-	MPS6517	40	0.10	90	180	10.0	2	0.50	-	50	5.0	-	-	-	-		
MPSA10	-	40	0.10	40	400	10.0	5	-	-	-	-	125	-	10	5		
MPSA20	MPSA70	40	0.10	40	400	10.0	5	0.25	-	10	1.0	125	-	10	5		
MPS2222	-	30	0.60	100	300	10.0	150	1.60	2.60	500	50.0	250	-	20	20		
KSP2222	-	30	0.60	100	300	10.0	150	1.60	2.60	500	50.0	250	-	20	20	1000/2000	
MPS3704	-	30	0.60	100	300	2.0	50	0.60	-	100	5.0	100	-	2	50		
MPS3705	-	30	0.60	50	150	5.0	50	0.25	-	50	5.0	100	-	5	50		
-	MPS3703	30	0.60	30	150	2.0	50	0.25	-	50	5.0	100	-	5	50		
MPS6601	MPS6651	25	1.00	50	-	1.0	100	0.60	-	1000	100.0	100	-	10	50		
-	MPS3702	25	0.60	60	300	5.0	50	0.25	-	50	5.0	100	-	5	50		
MPS6560	MPS6562	25	0.50	50	200	1.0	500	0.50	-	500	50.0	60	-	10	10		
MPS5172	-	25	0.10	100	500	10.0	10	0.25	-	10	1.0	-	*120	5	2		
PN100	PN200	45	0.50	100	450	1.0	10	0.40	1.00	200	20.0	250	-	20	20		
-	PN2907A	60	0.60	100	300	10.0	150	1.60	2.60	500	50.0	200	-	20	50		
PN2222A	PN2907	40	0.60	100	300	10.0	150	1.00	2.00	500	50.0	300	-	20	20		
PN2222	-	30	0.60	100	300	10.0	150	1.60	2.60	500	50.0	250	-	20	20		
SS9011	-	30	0.03	28	198	5.0	1	0.30	-	10	1.0	150	*370	5	1		
SS8050	-	25	1.50	85	300	1.0	100	0.50	1.20	800	80.0	100	*190	10	50		
-	SS8550	25	1.50	85	300	1.0	100	0.50	1.20	800	80.0	100	*200	10	50		
SS9013	SS9012	20	0.50	64	202	1.0	50	0.60	1.20	500	50.0	-	-	-	-		
2N3859A	-	60	-	100	200	1.0	10	-	-	-	-	90	250	-	2		
2N3416	-	50	-	75	225	4.5	2	0.30	0.60	50	-	-	-	-	-		
2N3417	-	50	-	180	540	4.5	2	0.30	0.60	50	-	-	-	-	-		
-	2N5366	40	-	100	300	1.0	50	0.25	1.10	50	-	-	-	-	-		
2N3704	-	30	0.60	100	300	2.0	50	0.60	-	100	5.0	100	-	2	50		
-	2N3703	30	0.60	30	150	5.0	50	0.25	-	50	5.0	100	-	5	50		
-	2N4062	30	-	180	660	5.0	1	0.70	-	-	-	-	-	-	-		
2N2924	-	25	-	150	300	10.0	2	-	-	-	-	-	-	-	-		
-	2N5226	25	-	30	600	10.0	50	0.80	1.00	100	-	50	-	-	20		
2N3392	-	25	0.10	150	300	4.5	2	-	-	-	-	-	-	-	-		
2N3415	-	25	-	180	540	4.5	2	0.30	0.60	50	-	-	*120	-	20		
2N5172	-	25	0.10	100	500	10.0	10	0.25	0.75	10	1.0	120	-	5	2		
-	2N3702	25	0.60	60	300	5.0	50	0.25	-	50	5.0	100	-	-	50		
-	2N5447	25	-	60	300	8.0	50	0.25	-	50	-	100	-	-	50		
-	2N6076	25	-	100	300	10.0	10	0.25	0.80	10	-	-	-	-	-		
MPS6531	-	40	-	90	270	1.0	100	0.30	1.00	100	-	-	-	-	-		
MPS6514	-	25	-	150	300	10.0	2	0.50	-	50	-	-	-	-	-		
MPS6515	-	25	-	250	500	10.0	2	0.50	-	50	-	-	-	-	-		

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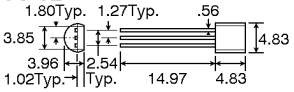

Part No. and Polarity		V_{CEO}	I_C	h_{FE} @ V_{CE} & I_C				V_{CE}(sat) & V_{BE}(sat) @ I_C & I_B				f_T @ V_{CE} & I_C				Package	Outline (Max. in mm)
NPN	PNP			Min.	Max.			Max.	Max.			Min.	Max.	V_{CE}	I_C		
		(V)	(A)			(V)	(mA)	(V)	(V)	(mA)	(mA)	(MHz)	(MHz)	(V)	(mA)	Bulk/Reel	
-	PN4356	80	0.50	50	250	10.0	10	0.50	1.10	500	50	100	500	-	50.0		
PN3568	-	60	-	40	120	1.0	150	0.25	-	150	-	60	600	-	50.0		
-	PN3645	60	-	100	300	10.0	150	1.00	2.00	300	-	200	-	-	20.0		
-	PN4355	60	0.50	100	400	1.0	10	0.50	1.10	500	50	100	500	-	50.0		
PN3642	-	45	-	40	120	10.0	150	0.22	-	150	-	250	-	-	50.0		
-	PN3644	45	-	100	300	10.0	150	1.00	2.00	300	-	200	-	-	20.0		
PN3567	-	40	-	40	120	1.0	150	0.25	-	150	-	60	600	-	50.0	1000/2000	
PN3643	-	30	-	100	300	10.0	150	0.22	-	150	-	250	-	-	50.0		
-	PN4917	30	-	150	300	1.0	10	0.14	0.90	10	-	450	-	-	10.0		
-	PN5138	30	-	50	800	10.0	0.1	0.30	1.00	10	-	30	-	-	0.5		
PN3565	-	25	-	150	600	10.0	1	0.35	-	1	-	40	240	-	1.0		
-	PN3638A	25	-	20	-	2.0	300	1.00	2.00	300	30	150	-	-	50.0		

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